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STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101581,472
Source: IFWIP
Date Processed by STIC: 6/18/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses;

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

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Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/581,472

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleic
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
(OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
(NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>

Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006
TIME: 10:37:28

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Output Set: N:\CRF4\06142006\J581472.raw

5 <110> APPLICANT: Plant Bioscience Limited
7 Cammue, Bruno PA
9 De Bolle, Miguel FC
11 Butaye, Kathleen
15 <120> TITLE OF INVENTION: Enhanced Expression
19 <130> FILE REFERENCE: SMK/6254247
C--> 23 <140> CURRENT APPLICATION NUMBER: US/10/581,472
C--> 25 <141> CURRENT FILING DATE: 2006-06-01
29 <150> PRIOR APPLICATION NUMBER: GB 0327919.7
31 <151> PRIOR FILING DATE: 2005-12-02
35 <160> NUMBER OF SEQ ID NOS: 3
39 <170> SOFTWARE: PatentIn version 3.1
43 <210> SEQ ID NO: 1
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58 atgaagacaa catcattttc agtttcagaa ataataaacat catcaaaacc gcagctgtaa 180
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94 tgaatgttc gatttcattt ggtcaagg taatgtactgt ttactatctt caagagactt 1260
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104 agatggtttggaaaatgtaccc agcaggtgag atatgttccg gagggtggctg tggcagcg 1560

Does Not Comply
Corrected Diskette Needed

(pg. 2)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006
TIME: 10:37:28

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Output Set: N:\CRF4\06142006\J581472.raw

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140	actaaaaaaa	aaaaacaac	aaaaaaaaca	ggcaaaaaaaaa	cctctctgt	cactgagctg	2640
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144	tatccaatat	tcaacattac	ttataaaaac	gtgtatcaga	agaaatacca	agtatttct	2760
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165 <220> FEATURE:

167 <223> OTHER INFORMATION: PFAJ3160

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190	gggcgcgagg	ccgccaaggc	ccgaggcggt	agtttggcc	ccgcacccctac	cctcaccggc	660
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198	gacccctgg	ccggccgcga	aatgaaacgc	caagaggaa	aagcatgaaa	ccgcacccagg	900
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202	ggtaacgttt	cgagccgcggc	ccgcacgtct	caaccgtgcg	gtgcgtatgaa	atccctggcc	1020
204	gttgcgttgc	tgccaaagctg	ccggccgtggc	ccggccagtt	ggccgtgaa	gaaaccggac	1080

PLS EXPLAIN SOURCE OF
genetic
material.

INVALID
Response

↑
See item
11 on
error
Summary
Sheet.

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006
TIME: 10:37:28

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Output Set: N:\CRF4\06142006\J581472.raw

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006
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Input Set : A:\B0781236.TXT
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358	ggggaaagccg	aagttccaa	aaggcggt	atcaaagctc	gccgcgtt	ttcatcaagc	5700
360	cttacggtca	ccgttaacc	caaataata	tcactgtgt	gttccaggcc	gcacatccact	5760
362	gcccggccgt	acaaatgtac	ggccagcaac	gtcggttca	gatggcgctc	gatgacgc	5820
364	actacctctg	atagttgagt	cgataacttc	gcatcacccg	tttccccat	gtatgttac	5880
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368	cgacccacgg	cgtaacgc	ttgtcgctt	gatgcggag	gcatacgact	taccccaaaa	6000
370	aaacatgtca	taacaagaag	ccatgaaaac	cgccactcg	ccgttaccac	cgctgcgt	6060
372	ggtcaagg	ctggacc	tggtgacgg	cgttacgt	acttgcatta	cagttac	6120
374	accgaacgag	gtttatgtcc	actgggttc	tgcccgaa	gatcacaggc	agcaacgc	6180
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378	gtttagttgc	cggttcccg	aatagcatcg	gttacatg	caaagtctc	cgcccttacaa	6300
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382	tggcgact	ccggcgggg	agctgttgc	tggcggtt	caggatata	tgtgggt	6420
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392	atgacacccgc	gcgcgataat	ttatcgat	ttgcgcgt	tat	tttgcgt	6720
394	attaaatgt	taattcg	acttata	taaaaaacca	tctcataa	aatcgat	6780
396	attacatgtt	aatttata	tgcttaac	aattcaac	aaattat	atatacg	6840
398	caagaccggc	aacaggattc	aatctt	aacttatt	ccaaatgtt	gaacgat	6900
400	ccggccgagc	tcggtag	ttcccgag	tgttagcc	gatgtgcca	ccaggag	6960

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006

TIME: 10:37:29

Input Set : A:\B0781236.TXT

Output Set: N:\CRF4\06142006\J581472.raw

L:23 M:270 C: Current Application Number differs, Replaced Current Application Number

L:25 M:271 C: Current Filing Date differs, Replaced Current Filing Date

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,472

DATE: 06/14/2006
TIME: 10:37:28

Input Set : A:\B0781236.TXT
Output Set: N:\CRF4\06142006\J581472.raw

402	tgttgattca	ttgtttgcct	ccctgctgcg	gttttcaacc	gaagttcatg	ccagtccagc	7020
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406	tgttaccgccc	aacgcgcaat	atgccttgcg	aggtcgaaa	atcggcgaaa	ttccatatacc	7140
408	gttaccggac	gacggcgctg	acgcgatcaa	agaegcggtg	atacatatcc	agccatgcac	7200
410	actgatactt	ttcaatccac	atgttcgggt	acatgtggat	cageccggct	aacgtatcca	7260
412	cgcgttattc	gggtatgata	atcgctgtat	gcagtttctc	ctgcaggccc	agaagttctt	7320
414	tttccagttac	cttctctgc	gttttccaaat	cgccgttgc	gacatataccat	ccgtataataac	7380
416	ggttcaggca	cacacatca	aagagatcgc	tgtatgttac	ggtgtgagcg	tgcagaaca	7440
418	tttacattgac	ggagggtgatc	ggacgcgtcg	gttgcggat	acgcgttgc	tccgcccagt	7500
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452	gttccatcac	ttccgttata	ttgacccaca	ctttgcgt	atgagtgacc	gcacgttgc	8520
454	gcagcacgt	acgctggc	gcccaacctt	tcggataaa	gacttcgc	tgtatccaga	8580
456	cgttgcgc	ataattacga	atatctgc	cggttgc	atcgatggat	ctgcctggca	8640
458	cagcaattgc	ccggcttgc	tgtaacgc	tttcccacca	acgctgtat	attccacat	8700
460	tttgcgtatc	cagactgaat	gcccacaggc	cggttgc	tttgcattca	cggttgggg	8760
462	tttctacagg	acgtaacata	aggactgac	ctaccgggg	atcccttgc	gccatgggt	8820
464	ttaaacgtt	actgtatgtt	taaatagtaa	ttgtatgtt	gtttgttgc	ttgtgttgc	8880
466	gttaattgtt	gtaaaatac	tcgaggttgc	ctccaaatgt	aatgaactt	tttatata	8940
468	ggaagggtt	tgcgaaggat	agtggat	tgcgttac	tttgcgttgc	tggagatatc	9000
470	acatcaatcc	acttgc	aagacgtgt	tggacgtt	tcttttttcc	acgatgttcc	9060
472	tcgtgggtt	gggtccat	ttggaccac	tgcggc	ggcatatca	acgatggc	9120
474	ttcccttata	gcaatgtat	cattgttgc	tttgcgttgc	ttttccact	atcttccat	9180
476	taaagtgaca	gatagctgg	caatggatc	cgaggaggt	tccggatatt	accctttgtt	9240
478	aaaaagtctc	aattggcc	ttgttcttgc	agactgtatc	tttgcatttt	ttggatgtat	9300
480	caagtgttgc	tgctccacc	atgttata	atcaatccac	ttgttgc	gacgtgggt	9360
482	gaacgttcc	tttttccac	gatgttgc	gtgggtgggg	gtccatctt	gggaccact	9420
484	tcggcagagg	catcttca	gatggc	tttgcgttgc	aatgttgc	tttgcgttgc	9480
486	ccacccctt	tttccactat	tttccat	aagtgc	tagctggc	atggatccg	9540
488	aggagggtt	cggttattac	ccttgc	aaagtcttca	ttgccttgc	gtttctgt	9600
490	actgtatctt	tgatattttt	ggatgtat	agtgtgtc	gttccacat	gttcaagctt	9660
492	gcggccgc	gttaccttgc	gaccgttata	gttattacc	ctgttgc	tattatattaa	9720
494	gagctcgatc	cctttaagaga	ggatatccgc	gcccgtt	cgccgttgc	tatagatgtc	9780
496	gctataaaacc	tattcagcac	aatatattgt	tttcatat	atattgtaca	tataagtgat	9840
498	agggtacaat	cgttaatttgc	aacggagaat	attattcata	aaaatacgt	agtaacgggt	9900

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